



## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Martin HEUS et al.

Application No.: 10/563,762

Filed: January 9, 2006 Docket No.: 126583

For: AN AQUEOUS SOLUTION OF A SODIUM SALT OF HEDTA

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. One or more reference cited herein was cited in the International Search Report and/or European Search Report. An English language version of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, a copy of each reference is already in the PTO file. Thus, no copy of any such reference is attached. See References 8, 9, 13.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 8, 24-27, 34-36, 38, 40-42, 45, 47, 49, 52.
- 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 24.

- 6. Reference 10, GB 1 363 099, is an English-language equivalent to Reference 9, DE 21 50 994.
- 7. Reference 18, U.S. Patent No. 4,558,145, is an English-language equivalent to Reference 38, EP 0 178 363.
- 8. Reference 35, EP 0 205 748, is the European Patent Application corresponding to Reference 36, DE 35 17 103.

Respectfully submitted,

William P. Berridge Registration No. 30,024

Julie M. Lake Registration No. 51,156

WPB:JML/ccs

Date: April 6, 2006

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Sheet 1 of 5

NFORMATION DISCLOSURE STATEMENT   (Use several sheets if necessary)   (Paris	Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 126583			APPLICATION NO. 10/563,762		
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2   5,110,965   0,5/05/1992   Thumberg et al.			Document Number	Da	te		Name			
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9 DE 21 50 994 A 04/19/1973 Germany 10 GB 1 363 099 08/14/1974 Great Britian 11 EP 0 058 430 A1 08/25/1982 EPO 12 EP 0 054 277 A2 06/23/1982 EPO  THER DOCUMENTS  Examiner Initials No. (Including Author, Title, Date, Pertinent Pages, etc.)    13 K. Nakamoto et al., Infrared Spectra of Aqueous Solutions III. Ethylenediaminetetraacetic Acid. N-Hydroxylatedelethylethylene-diaminetriacetic Acid and diethylenetriaminepentaacetic Acid. J. Am. Chem. Soc., 85, 309 (1963).    14 M. Bailly, Production of Organic Acids by Bipolar Electrodialysis: Realizations and Perspectives, Desalination, 144, 157 (2002).    15 P. Boyaval et al., Concentrated Propionic Acid Production by Electrodialysis, Enzyme Microb. Technol., 15, 683 (August 1993).    16 National Association of Corrosion Engineers, Technical Practices Committee, NACE Standard TM-01-69, Test Method: Laboratory Cornosion Testing of Metals for the Process Industries (1976)    Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance			Document Number	Date		Country		English	English	
10 GB 1 363 099   08/14/1974   Great Britian		8	EP 0 471 583 A	02/19/1992		EPO				
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14   M. Bailly, Production of Organic Acids by Bipolar Electrodialysis: Realizations and Perspectives, Desalination, 144, 157 (2002).    15   P. Boyaval et al., Concentrated Propionic Acid Production by Electrodialysis, Enzyme Microb. Technol., 15, 683 (August 1993).    16   National Association of Corrosion Engineers, Technical Practices Committee, NACE Standard TM-01-69, Test Method: Laboratory Corrosion Testing of Metals for the Process Industries (1976)    EXAMINER   DATE CONSIDERED			(Including Aut	hor, Title, I	Date, Pert	inent Pages, etc.)				
P. Boyaval et al., Concentrated Propionic Acid Production by Electrodialysis, Enzyme Microb. Technol., 15, 683 (August 1993).  National Association of Corrosion Engineers, Technical Practices Committee, NACE Standard TM-01-69, Test Method: Laboratory Corrosion Testing of Metals for the Process Industries (1976)  EXAMINER  DATE CONSIDERED  Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance		13	K. Nakamoto et al., <u>Infrared Spectra of</u> diaminetriacetic Acid and diethylenetr	f Aqueous : iaminepent	Solutions aacetic A	III. Ethylenediaminetetraacetic A cid, J. Am. Chem. Soc., 85, 309	<u>cid, N-Hy</u> (1963).	droxylatedeleth	nylethylene-	
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16   National Association of Corrosion Engineers, Technical Practices Committee, NACE Standard TM-01-69, Test Method:   Laboratory Corrosion Testing of Metals for the Process Industries (1976)		14	M. Bailly, Production of Organic Acid	s by Bipola	ar Electroc	lialysis: Realizations and Perspec	tives, Des	alination, 144,	157 (2002).	
16   National Association of Corrosion Engineers, Technical Practices Committee, NACE Standard TM-01-69, Test Method:   Laboratory Corrosion Testing of Metals for the Process Industries (1976)										
EXAMINER  Laboratory Corrosion Testing of Metals for the Process Industries (1976)  DATE CONSIDERED  Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance		15	P. Boyaval et al., Concentrated Propion	nic Acid Pr	oduction	by Electrodialysis, Enzyme Micro	b. Techno	ol., 15, 683 (Au	ugust 1993).	
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Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 126583		APPLICATION NO. 10/563,762		
	INFORMA	TION DISCLOSURE STATEMENT							
	(Us	e several sheets if necessary)		APPLICANT(S) Martin HEUS et al.					
				FILING January			GROUP N/A		
		U.	S. PATEN	r docum	IENTS				
Examiner Initials	Cite No.	Document Number	Da	te	Nai	me			
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	18	4,558,145	12/10/19	85	Smith et al.				
	19	3,704,218	11/28/19	72	Kato et al.				
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Examiner Initials	Cite No.	Document Number	Da	ite	Country	With English Abstract	With English Translation			
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	46	WO 02/48044 A2	06/20/20	02	WIPO					
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